

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Lei Shao

Application No: 10/789,387

Filed: 02-26-2004

Examiner: Nguyen, Leon Viet Q

Art Unit: 2611

For: AN APPARATUS AND ASSOCIATED METHODS TO INTRODUCE DIVERSITY IN  
A MULTICARRIER CHANNEL)**Mail Stop: AF**

HONORABLE COMMISSIONER FOR PATENTS

PO Box 1450

Alexandria, Virginia 22313-1450

**CERTIFICATE OF MAILING/TRANSMISSION**I hereby certify that this correspondence is being submitted  
electronically via EFS Web on the date shown below.

/Michelle L. Evans/

11/20/07

Michelle L. Evans

Date

**AMENDMENT AND RESPONSE**

Dear Sir:

This response is provided to the Final Office Action (hereafter, the Action) mailed September 20, 2007. In view of the following amendments and subsequent remarks, favorable reconsideration of the above captioned application is respectfully requested.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks** begin on page 3 of this paper.